



VOLUNTARY REMEDIATION PROGRAM DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PROJECT SUMMARY

Site Name:	Osolo Township Fire Department
Applicant's Name:	Osolo Township Fire Department
Site Location:	24936 Buddy Street Elkhart Elkhart County
VRP Site Number:	6970101
Project Manager:	Bill Wieringa
Date Application Received:	January, 1997
Date Project Completed:	May, 1998
Project Duration:	1 year, 5 months
Contaminant Group(s):	Petroleum
Media Cleaned Up:	Surface Soil, Subsurface Soil and Groundwater
Cleanup Goals Achieved:	Tier II Nonresidential
Deed/Land Use Restrictions:	Nonresidential

Project Description: The Osolo Township Fire Department initiated a quick response upon discovery of an aboveground storage tank (AST) that had released 250 gallons of gasoline. They were able to recover approximately 50 gallons of gasoline. Osolo entered the VRP to address slightly elevated levels of benzene, toluene, ethylbenzene, and xylene (BTEX), and total petroleum hydrocarbons (TPH) impacts in the site's soils and groundwater.

The cleanup at the Osolo Township Fire Department involved three remediation techniques. The first was the excavation of a couple of dump truck loads of soil from the area of the AST release, which was disposed in an approved landfill. This was followed by the installation of a system to treat petroleum-contaminated soil in place through soil vapor extraction. Lastly, the site utilized a system to pump and treat the petroleum-contaminated groundwater using an air stripper and discharging the treated water to a upgradient infiltration gallery.